Build a Fabulous Truss Dining Table

The Castleton Dining Table Plans Will Help You Create a Gorgeous Piece of Furniture with Style!

Don’t you just love the rustic look of truss-style furniture? The Castleton dining table plans fit the bill perfectly! With striking elegance, this table will have a huge impact on style but not on the budget!

Materials:

- 2-1/2″ pocket hole screws
- 2-1/2″ screws
- Wood glue
- Sandpaper (100, 150, 220 grits)

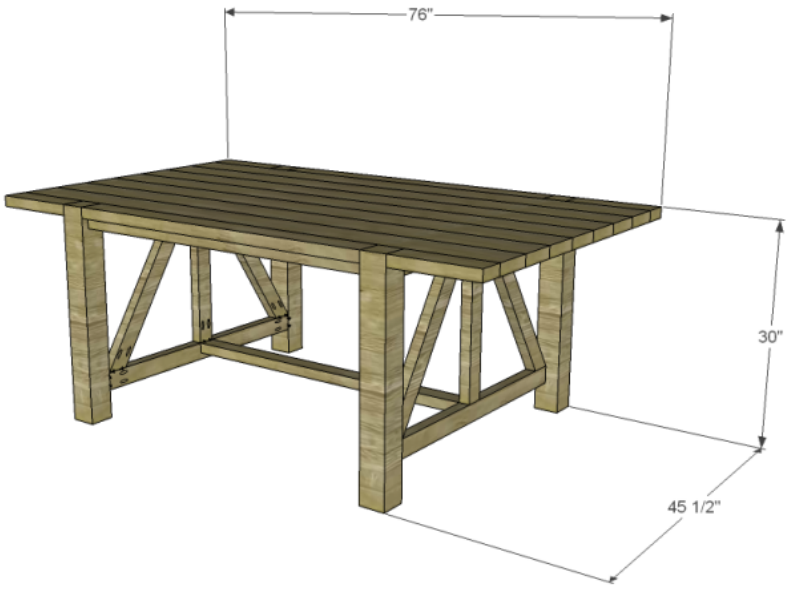
- Finishing supplies (primer & paint, or stain, sealer)

Lumber:

- 2 – 2×3 at 6′
- 3 – 2×3 at 8′
- 1 – 2×4 at 4′
- 3 – 2×4 at 8′
- 7 – 2×6 at 8′
- 2 – 4×4 at 6′

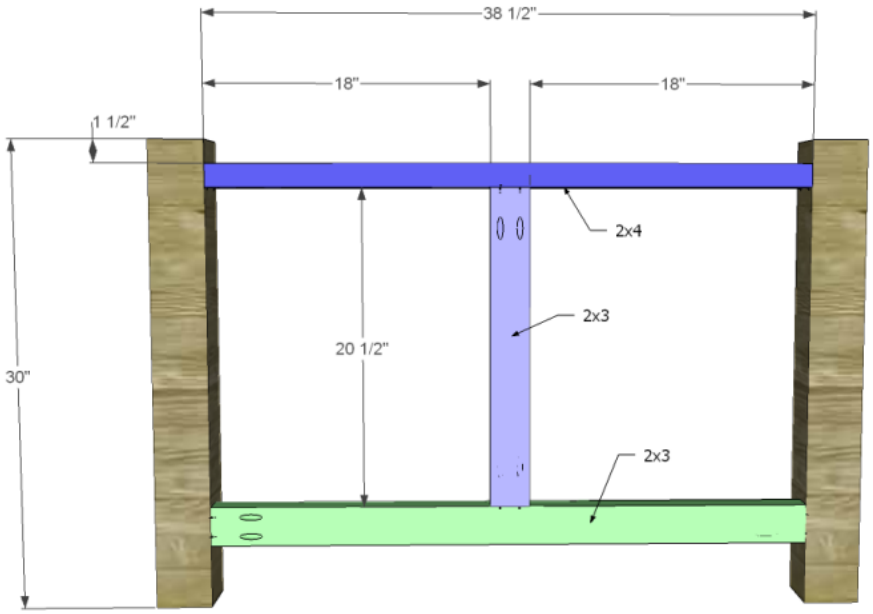
Cut List:

- 4 – 4×4 posts at 30″ – Legs
- 4 – 2×4 at 38-1/2″ – Upper Side Frame & Center Top Supports
- 2 – 2×3 at 38-1/2″ – Lower Side Frame
- 2 – 2×3 at 20-1/2″ – Center Side Frame
- 4 – 2×3 at 26-3/16″ – Truss Supports
- 4 – 2×4 at 12″ – Top Edge Boards
- 2 – 2×4 at 45″ – Top Edge Boards
- 3 – 2×3 at 45″ – Top Frame & Lower Stretcher
- 7 – 2×6 at 76″ – Top Boards



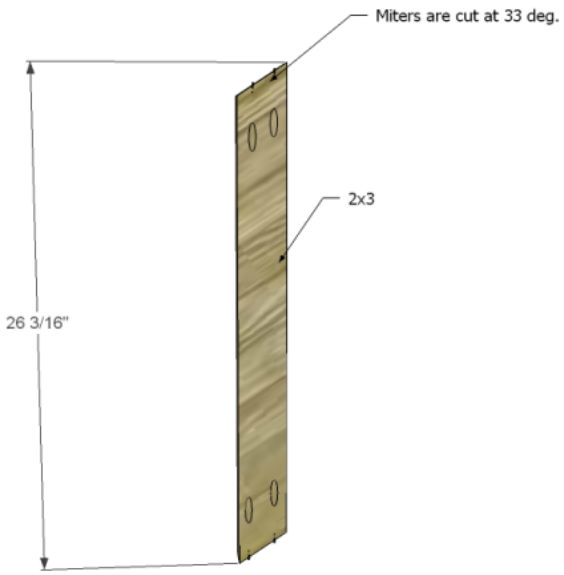
Step One

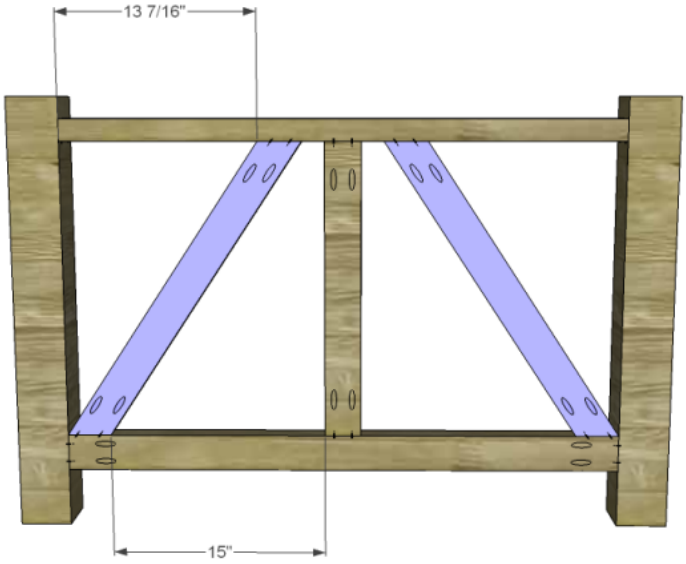
Cut the pieces for the legs and side frames. With the pocket hole jig set for 1-1/2″ material, drill pocket holes in each end of the frame pieces. The 2×4 upper frame pieces will be positioned 1-1/2″ down from the top edge of the legs. Secure in place using glue and 2-1/2″ pocket hole screws. The 2×3 lower frame pieces will be located on end with the back face flush with the inside face of the legs. Secure in place using glue and 2-1/2″ pocket hole screws. Position the center frame pieces and shown then secure in place using glue and 2-1/2″ pocket hole screws.



Step Two

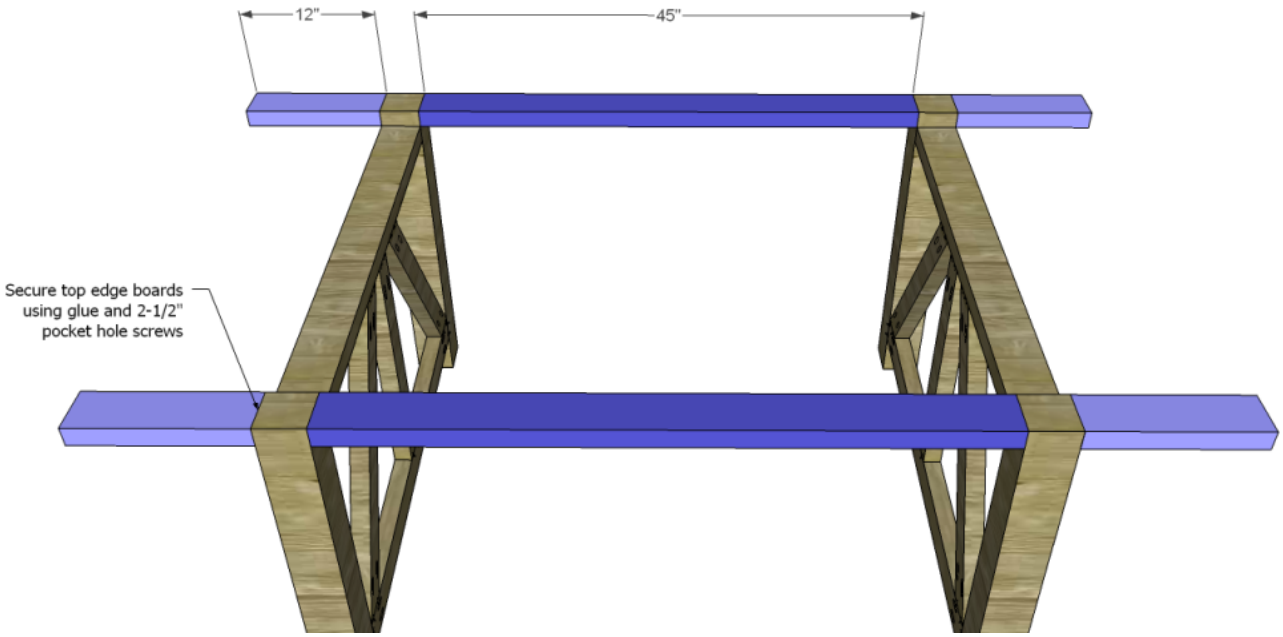
Cut the pieces for the truss supports. Cut 33 degree miters in each end as shown, then drill pocket holes noting that there will be a right and a left piece for each leg assembly. Secure to the frame pieces using glue and 2-1/2″ pocket hole screws.





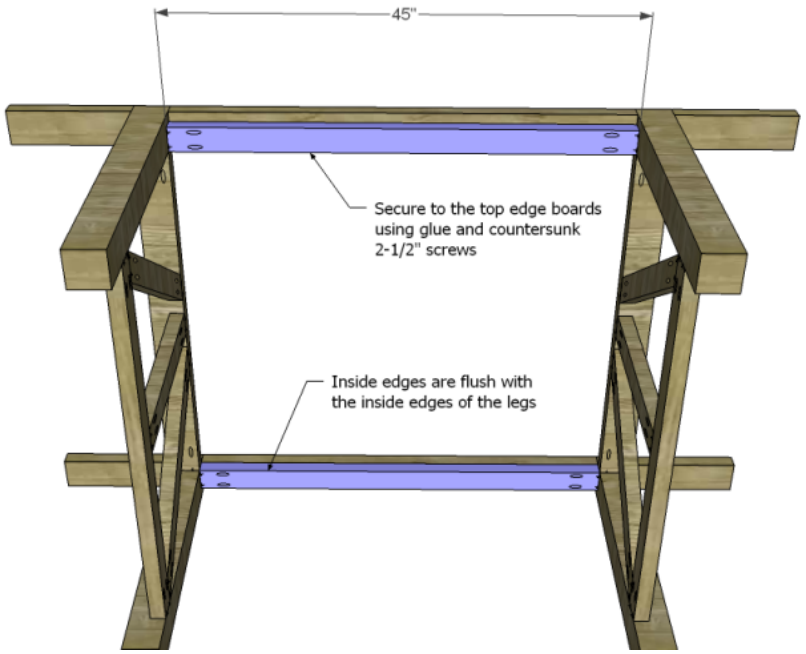
Step Three

Cut the pieces for the top edge boards. Drill pocket holes in one edge only of each of the shorter pieces and both edges of the longer pieces. Secure to the legs as shown using glue and 2-1/2″ pocket hole screws. The top face of these boards will be flush with the top end of the legs.



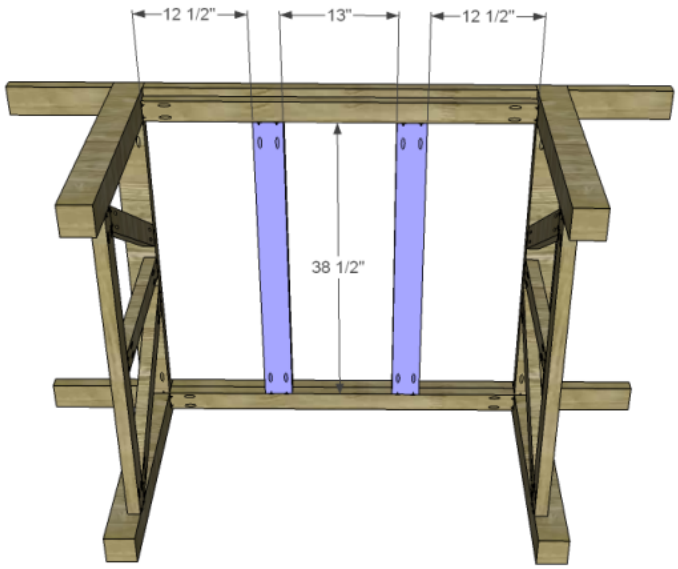
Step Four

Cut the pieces for the top frame boards and drill pocket holes in each end. Secure to the legs as shown making sure they are snug against the top edge boards using glue and 2-1/2″ pocket hole screws. The inside edge will be flush with the inside face of the legs. Secure the center portion of the boards to the top edge boards using countersunk 2-1/2″ screws.


45"
Secure to the top edge boards using glue and countersunk 2-1/2" screws
Inside edges are flush with the inside edges of the legs

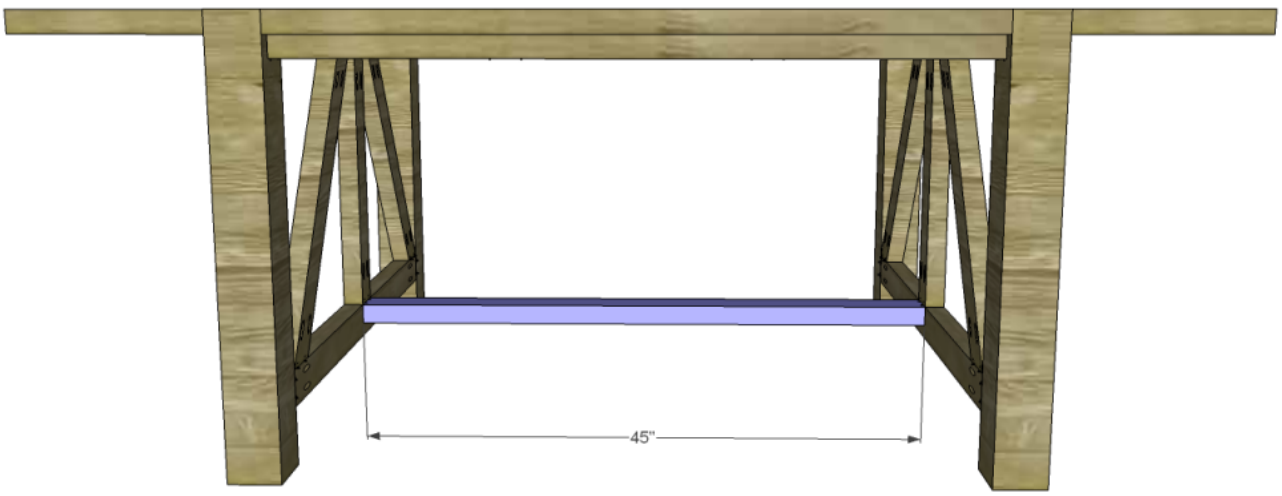
Step Five

Cut the pieces for the center top supports and drill pocket holes in each end. Secure to the top frame boards using glue and 2-1/2″ pocket hole screws.



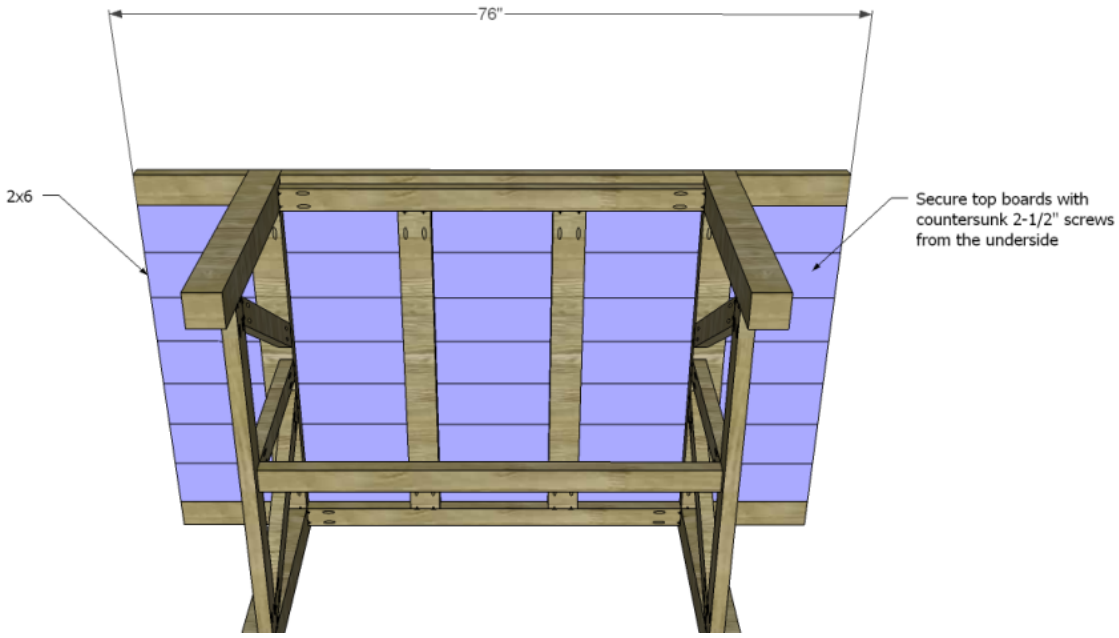
Step Six

Cut the piece for the lower stretcher. Secure to the lower frame piece using glue and 2-1/2″ pocket hole screws.



Step Seven

Cut the pieces for the top boards. Secure to the upper frame boards and center support boards using glue and countersunk 2-1/2″ screws through the underside.



Finish as desired.

The Castleton dining table plans will create one hefty piece of furniture! Wouldn’t it look fabulous with a dark stain? At any rate, this piece is perfect for those new to woodworking and would also be fabulous constructed from umber suitable to outdoor use!

Need help with the plans? Contact me at cher {at} designsbystudioc {dot} com!